

Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1. (Currently Amended) A method of manufacturing a wireless suspension blank using ~~a~~ an initial two-layer laminate comprising an insulating layer having first and second sides wherein said first side defines an exposed face, and said initial two-layer laminate further comprising a metallic layer with a spring property which is provided on one said second side of the insulating layer, the method comprising a first step of working the metallic layer by the photo etching method to remove metallic material therefrom, a second step of adding a wiring part defined by a pattern of conductive material to another side of the insulating layer by the semi-additive method to add a third layer to the laminated depositing conductive material onto said exposed face of said insulating layer by the semi-additive method in a pattern which partially covers a portion of said exposed face to add a third layer on said initial two-layer laminate and thereby define a resulting three-layer laminate wherein said pattern of said conductive material defines a wiring part for said wireless suspension blank, and a third step of working the insulating layer of said resulting three-layer laminate after the second step by the wet-etching method to remove insulating material therefrom and form the suspension blank.

2. (Previously Presented) A method of manufacturing a wireless suspension blank as claimed in Claim 1 wherein a polyimide resin layer is used as the insulating layer.

3. (Previously Presented) A method of manufacturing a wireless suspension blank as claimed in Claim 1 wherein the

insulating layer is wet-etched from the side of the metallic layer during the third step of wet-etching the insulating layer.

4. (Previously Presented) A method of manufacturing a wireless suspension blank as claimed in Claim 1 wherein wet etching of the insulating layer is carried out from the side of the wiring part during the third step of wet etching the insulating layer.

5. (Currently Amended) A method of manufacturing a wireless suspension blank as claimed in Claim 1 wherein wet etching is carried out from both of the sides of the resulting three-layer laminate wherein said both sides comprise the side of the metallic layer and the side of the wiring part during the third step of wet-etching the insulating layer.

6. (Currently Amended) A method of manufacturing a wireless suspension blank using an initial two-layer laminate comprising an insulating layer having first and second sides wherein said first side defines an exposed face, and said initial two-layer laminate further comprising a metallic layer having a spring property which is provided on said second side of said insulating layer, the method comprising a first step of working the metallic layer by the photo etching method to remove metallic material therefrom, a second step of ~~adding a wiring part defined by a pattern of conductive material to the insulating layer by the semi-additive method to add a third layer to the laminated~~depositing conductive material onto said exposed face of said insulating layer by the semi-additive method in a pattern which partially covers a portion of said exposed face to add a third layer on said initial two-layer laminate and thereby define a resulting three-layer laminate wherein said pattern of said conductive material defines a wiring part for said wireless suspension blank, and a third step of working the insulating layer of said resulting three-

layer laminate after the second step by the plasma etching method to remove insulating material therefrom and form the suspension blank.

7. (Previously Presented) A method of manufacturing a wireless suspension blank as claimed in Claim 6 wherein a polyimide resin layer is used as the insulating layer.

8. (Previously Presented) A method of manufacturing a wireless suspension blank as claimed in Claim 6 wherein the insulating layer is worked by an electrode with a shape having a curvature during the third step of plasma etching the insulating layer.

9. (Currently Amended) A method of manufacturing a wireless suspension blank using ~~a~~ an initial two-layer laminate comprising an insulating layer having first and second sides wherein said first side defines an exposed face, and said initial two-layer laminate further comprising a metallic layer having a spring property which is provided on said second side of said insulating layer, the method comprising a first step of ~~adding a wiring part defined by a pattern of conductive material to the insulating layer by the semi-additive method to add a third layer to the laminate~~ depositing conductive material onto said exposed face of said insulating layer by the semi-additive method in a pattern which partially covers a portion of said exposed face to add a third layer on said initial two-layer laminate and thereby define a resulting three-layer laminate wherein said pattern of said conductive material defines a wiring part for said wireless suspension blank, a second step of working the metallic layer of said resulting three-layer laminate by the wet-etching method to remove metallic material therefrom and a third step of working the insulating layer of said three-layer laminate after the second step by the dry-etching method or

the wet-etching method to remove insulating material therefrom and form the suspension blank.

10. (Previously Presented) A method of manufacturing a wireless suspension blank as claimed in Claim 9 wherein a polyimide resin layer is used as the insulating layer.

11. (Previously Presented) A method of manufacturing a wireless suspension blank as claimed in Claim 9 wherein in the third step, a flying lead part is formed from a flying lead part portion of the wiring part by removing a portion of the insulating layer on which the flying lead portion of the wiring part is formed.

12. (Currently Amended) A method of manufacturing a wireless suspension blank as claimed in Claim 1, further comprising a fourth step of plating the conductive material of the wiring part with a layer of a plating material after the forming of the wiring part by the second step.

13. (Currently Amended) A method of manufacturing a wireless suspension blank as claimed in Claim 6, further comprising a fourth step of plating the conductive material of the wiring part with a layer of a plating material after the forming of the wiring part by the second step.

14. (Currently Amended) A method of manufacturing a wireless suspension blank as claimed in Claim 9, further comprising a fourth step of plating the conductive material of the wiring part with a layer of a plating material after the forming of the wiring part by the first step.

15. (Currently Amended) A method of manufacturing a wireless suspension blank using an initial multi-layer laminate comprising an insulating layer and a metallic layer with a spring property, said initial multi-layer laminate

having opposite side faces wherein one of said laminate side faces is defined by an exposed surface of said insulating layer, the method comprising a first step of working the metallic layer by the photo etching method to remove metallic material therefrom, a second step of ~~adding a wiring part defined by a pattern of conductive material to said insulating layer surface by the semi-additive method to cover a portion of said insulating layer surface with said wiring part and thereby~~ depositing conductive wiring material onto said exposed surface of said insulating layer by the semi-additive method in a pattern which partially covers a portion of said exposed surface to add an additional layer to said initial multi-layer laminate wherein said pattern of said conductive wiring material defines a wiring part for said wireless suspension blank, and a third step of working the insulating layer after the second step by the wet-etching method to remove insulating material therefrom and form the suspension blank.

16. (Currently Amended) A method of manufacturing a wireless suspension blank using an initial multi-layer laminate comprising an insulating layer and a metallic layer having a spring property, said initial multi-layer laminate having opposite side faces wherein one of said laminate side faces is defined by an exposed surface of said insulating layer, the method comprising a first step of working the metallic layer by the photo etching method to remove metallic material therefrom, a second step of depositing conductive wiring material onto said exposed surface of said insulating layer by the semi-additive method in a pattern which partially covers a portion of said exposed surface to ~~adding a wiring part defined by a pattern of conductive material to said insulating layer surface by the semi-additive method to cover a portion of said insulating layer surface with said wiring part and thereby~~ add an additional layer to said initial multi-layer laminate wherein said pattern of said conductive

wiring material defines a wiring part for said wireless suspension blank, and a third step of working the insulating layer after the second step by the plasma etching method to remove insulating material therefrom and form the suspension blank.

17. (Currently Amended) A method of manufacturing a wireless suspension blank using an initial multi-layer laminate comprising an insulating layer and a metallic layer having a spring property, said initial multi-layer laminate having opposite side faces wherein one of said laminate side faces is defined by an exposed surface of said insulating layer, the method comprising a first step of ~~adding a wiring part defined by a pattern of conductive material to said insulating layer surface by the semi-additive method to cover a portion of said insulating layer surface with said wiring part and thereby~~ depositing conductive wiring material onto said exposed surface of said insulating layer by the semi-additive method in a pattern which partially covers a portion of said exposed surface to add an additional layer to said initial multi-layer laminate wherein said pattern of said conductive wiring material defines a wiring part for said wireless suspension blank, a second step of working the metallic layer by the wet-etching method to remove metallic material therefrom and a third step of working the insulating layer after the second step by the dry-etching method or the wet-etching method to remove insulating material therefrom and form the suspension blank.